PATENT ABSTRACTS OF JAPAN

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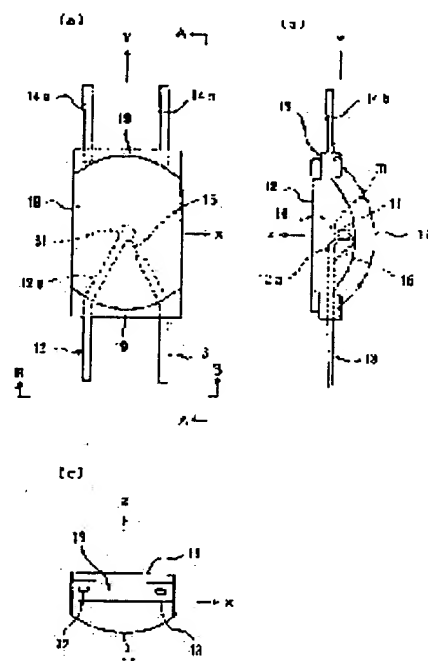(71)Applicant : IWASAKI ELECTRIC CO LTD

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(54) REFLECTIVE LIGHT EMITTING DIODE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a reflective light emitting diode wherein, without causing degradation in heat radiation characteristics, position of a light emitting element relative to a concave reflective surface is adjusted with precision.

SOLUTION: A light emitting element 11 is mounted on a mount part 31 which is an end part of a first lead part 12. The mount part 31 is formed so as to protrude above a concave reflective surface 17 side from a radiation surface 18 side by punching process. The surface of mount part 31 on a concave reflective surface 17 side is formed so as to almost parallel to the surface of a lead main body part 12a of the first lead part 12. The mount part 31 is punched except for a tip end part. The tip end part and an end part on the mount part 31 side of the lead main body part 12a are legs for supporting the mount part 31 for avoiding deformation of the mount part 31 under a load when the light emitting element 11 is mounted. The tip end surface of the leg part is positioned on the same plane as that comprising the surface on the radiation surface 18 side of the lead main body part 12a.

LEGAL STATUS

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